

08425  
CO 12143-00000

# Mechanical Integrity Test Tubing/Casing Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
1595 Wynkoop Street, Denver, CO 80202

EPA Witness: NONE Date: 4/24/2012  
Test conducted by: Craig Clement - H-S TESTERS  
Others present: FRED ROTHMAGE, PAT O'BRIEN

Well Name: <u>ECCV DI-1</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>NONE</u>		
Location: <u>SW</u> Sec: <u>1</u> T: <u>1</u> N: <u>(S)</u> R: <u>06 E</u> (W) County: <u>Adams</u> State: <u>CO</u>		
Operator: <u>EAST CHERRY CREEK VALLEY W+ S DISTRICT</u>		
Last MIT: <u>11/14/2011</u>	Maximum Allowable Pressure: <u>1485</u>	PSIG

Regularly scheduled test? ☒ Yes ☐ No  
Initial test for permit? ☐ Yes ☒ No  
Test after well rework? ☒ Yes ☐ No

Well injecting during test? If Yes, rate: bpd  
Pre-test annulus pressure: -0- psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE RECORD		
Initial Pressure	<u>0</u>	psig	psig	psig
End of test pressure	<u>0</u> <del>1050</del>	psig	psig	psig
CASING / TUBING ANNULUS		PRESSURE RECORD		
0 minutes	<u>1050</u>	psig	psig	psig
5 minutes	<u>1050</u>	psig	psig	psig
10 minutes	<u>1050</u>	psig	psig	psig
15 minutes	<u>1050</u>	psig	psig	psig
20 minutes	<u>1050</u>	psig	psig	psig
25 minutes	<u>1050</u>	psig	psig	psig
30 minutes	<u>1050</u>	psig	psig	psig
<u>37</u> minutes	<u>1050</u>	psig	psig	psig
_____ minutes		psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? If Yes, No psig.

Date: 4/25/12  
Initial: DB

TAB	GREEN	BLUE	CBI
		<u>2</u>	

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

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Signature of Witness:

 Pat O'B

### OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Do you agree with the reported test results? ☐ YES ☐ NO

If not, why?

Possible violation identified? ☐ YES ☐ NO

If YES, what

If YES - followup initiated? ☐ YES

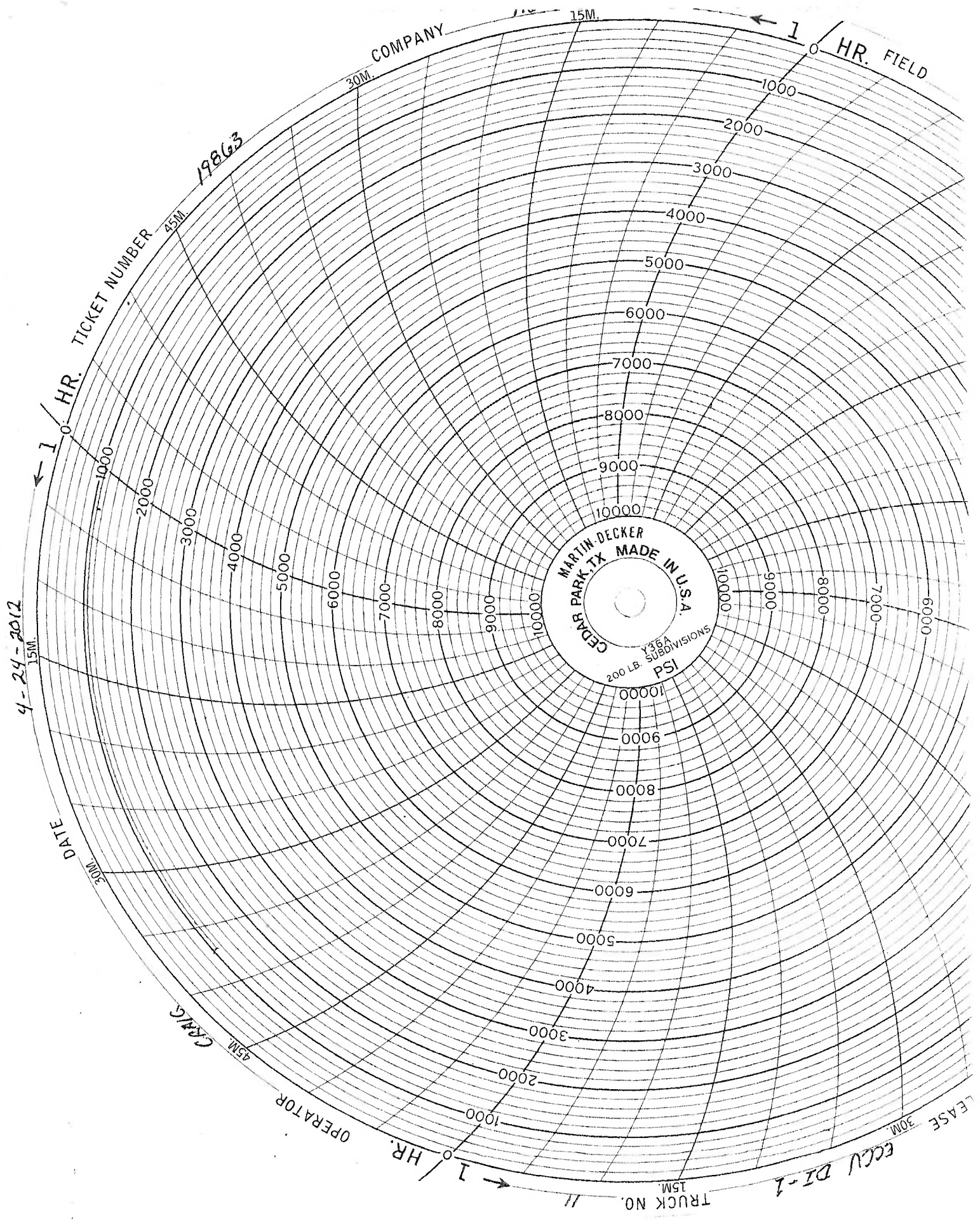
☐ NO - why not?

☐ Data Entry

☐ Compliance Staff

☐ 2<sup>nd</sup> Data Entry

☐ Hardcopy Filing



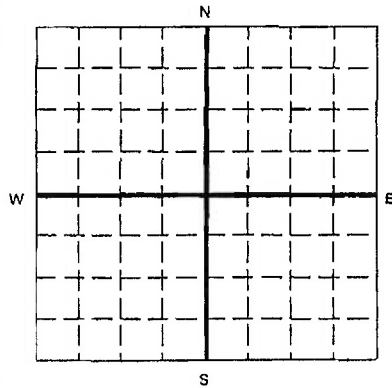

 United States Environmental Protection Agency  
 Washington, DC 20460

**WELL REWORK RECORD**
**Name and Address of Permittee**

 East Cherry Creek Valley Water and Sanitation District  
 6201 S. Gun Club Road, Aurora, CO 80016

**Name and Address of Contractor**

 Hydro Resources  
 13027 CR 18, Fort Lupton, CO 80621

**Locate Well and Outline Unit on  
Section Plat - 640 Acres**

 State  
 CO

 County  
 Adams

 Permit Number  
 CO-12143-00000

**Surface Location Description**

1/4 of 1/4 of SW 1/4 of SW 1/4 of Section 1 Township 1S Range 66W

Locate well in two directions from nearest lines of quarter section and drilling unit

**Surface**

 Location 559 ft. from (N/S) S Line of quarter section  
 and 626 ft. from (E/W) W Line of quarter section.

**WELL ACTIVITY**

- ☐ Brine Disposal  
☐ Enhanced Recovery  
☐ Hydrocarbon Storage

**Lease Name**

NA

**Total Depth Before Rework**

10176

**Total Depth After Rework**

10176

**Date Rework Commenced**

04/04/2012

**Date Rework Completed**

04/22/2012

**TYPE OF PERMIT**

- ☐ Individual  
☒ Area

Number of Wells 3

**Well Number**

DI-1

**WELL CASING RECORD - BEFORE REWORK**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
						NONE

**WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
						NONE

**DESCRIBE REWORK OPERATIONS IN DETAIL  
USE ADDITIONAL SHEETS IF NECESSARY**

 Dropped transducers and wire down hole. Removed 4.5 inch tubing  
 and packer and fished wire out. Reset new packer at 9049 feet.  
 reinstalled 4.5 inch tubing and wellhead, filled TCA with fluid to  
 ground level. Will pressure test TCA per regulations

**WIRE LINE LOGS, LIST EACH TYPE**

Log Types	Logged Intervals
None	None

**Certification**

I certify under the penalty of law that I have personally examined and am familiar with the Information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Richard A Clark Utilities Manager

Signature

Richard A Clark

Date Signed

24 APR 12